

IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A method for dispersing pulp, especially pulp containing waste paper, that contains solid material and a liquid phase, in which method ground pulp mass is fed between [[the]] conical [[blade]] surfaces (3) with protruding blades (4) of a dispersing device, wherein the conical surfaces (3) with the protruding blades (4) [[that]] are brought in a rotating movement in relation to one another, characterized in that the dispersing event takes place in a narrow opening (5) between the conical blade surfaces (3) with the protruding blades (4), at the outlet end (6) of which there is arranged a running wheel an impeller (7) acting as pump by which the pulp is pumped out of the dispersing device by centrifugal force.
2. (original) A method according to claim 1, characterized in that the inner cone of the dispersing device acts as rotor and the outer cone acts as stator.
3. (currently amended) A method according to claim 2, characterized in that said running wheel impeller (7) is fixed on the cone acting as a rotor in such a way that it diverts the flow of mass away from the axis of the cone.
4. (currently amended) A method according to claim 3, characterized in that the dilution of pulp at the outlet end (6) of the blade opening (5) is accomplished by fluid introduced to the intake side of the running wheel impeller (7).

5. (original) A method according to claim 4, characterized in that the density of the pulp to be dispersed is before dilution 15-35%.
6. (previously presented) A method according to claim 5, characterized in that the density of the pulp is after dilution 4-12%.
7. (previously presented) A method according to claim 6, characterized in that the pulp containing waste paper is dispersed in order to release printing ink and/or impurities from the fibers of the pulp.
8. (withdrawn) A dispersing device for processing pulp, especially pulp containing waste paper, the dispersing device comprising mutually opposed working surfaces (2) fitted with blades that may be brought into a revolving motion in relation to one another, a feed channel (1) for introducing pulp to the blade opening between the blade surfaces as well as an outlet chamber (6) for removal of the dispersed pulp, characterized in that its blade surfaces (2) are conical and that it comprises additionally a running wheel (3) situated at the outlet end of the blade opening.
9. (withdrawn) A dispersing device according to claim 8, characterized in that it comprises one or more feed channels (7) for the diluting fluid.

10. (withdrawn) A dispersing device according to claim 9, characterized in that the conical surface is at a 10-75° angle to the axis of the cone, preferably at a 10-30° angle to the axis of the cone.

11. (withdrawn) A dispersing device according to claim 10, characterized in that the blades (4) are arranged on said conical surface such that they overlap.

12. (withdrawn) A dispersing device according to claim 11, characterized in that the blade surfaces of the device consist of cylindrical surfaces and conical surfaces that are in extension to one another.

13. (withdrawn) A dispersing device according to claim 8, characterized in that the conical surface is at a 10-75° angle to the axis of the cone, preferably at a 10-30° angle to the axis of the cone.

14. (withdrawn) A dispersing device according to claim 8, characterized in that the blades (4) are arranged on said conical surface such that they overlap.

15. (withdrawn) A dispersing device according to claim 8, characterized in that the blade surfaces of the device consist of cylindrical surfaces and conical surfaces that are in extension to one another.

16. (currently amended) A method according to claim 1, characterized in that said running wheel impeller (7) is fixed on the cone acting as a rotor in such a way that it diverts the flow of mass away from the axis of the cone.

17. (currently amended) A method according to claim 1, characterized in that the dilution of pulp at the outlet end (6) of the blade opening (5) is accomplished by fluid introduced to the intake side of the running wheel impeller (7).

18. (previously presented) A method according to claim 17, characterized in that the density of the pulp to be dispersed is before dilution 15-35%.

19. (previously presented) A method according to claim 17, characterized in that the density of the pulp is after dilution 4-12%.

20. (previously presented) A method according to claim 1, characterized in that the pulp containing waste paper is dispersed in order to release printing ink and/or impurities from the fibers of the pulp.